



Claims

1. Hoist device for persons comprising a lifting arm to which a headed stud is attached for attaching a hoist sling to the lifting arm, wherein the head has a larger diameter than the stud, and wherein the hoist sling comprises an attachment device for attaching the hoist sling to the lifting arm, comprising a plate-shaped
5 part comprising:
 - a continuous slot situated in a plane of the plate-shaped part comprising a first portion through which the stud and its head will pass, a second portion through which the stud will but the head of the stud will not pass, and a connection
10 portion between the first and second portion, and
 - a locking device arranged to the plate-shaped part and movable parallel to the plane of the plate-shaped part, which locking device near a first end comprises a closing member and near a second end comprises an operation member that can be operated for bringing the closing member from a first position, in which the closing member at least partially closes off the connection portion, to a second
15 position, in which the closing member has been slid out of the connection portion for clearing the connection portion for moving the stud from the second to the first portion in the slot.
2. Hoist device according to claim 1, wherein the locking device is rotatably
20 attached to the plate-shaped part.
3. Hoist device according to claim 2, wherein the point of rotation is placed between the first and second end of the locking device.
- 25 4. Hoist device according to claim 1, wherein the operation member is situated near a side of the plate-shaped part.
5. Hoist device according to claim 4, wherein the operation member is operable

from the side of the plate-shaped part.

6. Hoist device according to claim 4, wherein the side is situated in a longitudinal direction of the slot and lateral from the slot.

5

7. Hoist device according to claim 1, wherein the attachment device comprises a biasing device for biasing the locking device to the first position.

10

8. Hoist device according to claim 7, wherein the biasing device comprises a spring.

15

9. Hoist device according to claim 1, wherein the locking device is adapted for giving way from the first position to a stud which moves in the slot from the first to the second portion.

10. Hoist device according to claim 9, wherein the closing member at a side facing the first portion of the slot is provided with an inclined edge sloping in the direction of the second portion.

20

11. Hoist device according to claim 1, wherein the attachment device is adapted for a self-locking closing-off of the connection part by the closing member.

25

12. Hoist device according to claim 11, wherein the locking device is movably attached for a movement of the closing member directed away from the first portion from the first position and in which the attachment device comprises a stop for stopping a movement of the closing member directed towards the first portion from the first position.

30

13. Hoist device according to claim 1, wherein the engagement surface of the operation member is substantially perpendicular to the plane of the plate-shaped part.

14. Hoist device according to claim 1, wherein the attachment device comprises a stop for stopping the movement of the locking device when the closing member is moved outside of the connection portion.

5

15. Hoist device according to claim 1, wherein the attachment device comprises two locking devices that are placed on either side of the connection portion of the slot.

10 16. Attachment device for a hoist sling, with which the hoist sling is attachable to a hoist device, comprising:

- a plate-shaped part provided with a continuous slot which comprises a first portion through which a headed stud fits, wherein the head has a larger diameter than the stud, a second portion through which the stud does but the head does not fit, and a connection portion between the first and second portion,
- 15 - a locking device which is attached to the plate-shaped part and movable parallel to a plane of the plate-shaped part in which the slot is situated, wherein the locking device near a first end comprises a closing member and near a second end comprises an operation member that is operable for sliding the
- 20 locking device from a first position, in which the closing member at least partially closes off the connection portion, to a second position, in which the closing member has been slid out of the connection portion for clearing the connection portion for a movement of the stud from the second to the first portion in the slot.

25 17. Hoist sling provided with an attachment device according to claim 16.